C4

UNDISTURBED FLOW PRODUCES THE LEAST AMOUNT OF EXIT NOISE

When a flowing gas mixes with a non-moving gas, noise may be produced, especially if the flow is disturbed before it reaches the outlet. A lower exit speed will produce a lower sound level. For speeds below 100 meters/second, reduction of the speed by one-half results in a decrease in the noise level of about 15 dB.

Principle



